



Analytical Summary Report

Analysis Method: SM3500-Cr B

ANALYST: Rubina

Parameter: Hexavalent Chromium

SUPERVISOR REVIEW BY: Iwona

Run Number: LB124056

pH Meter ID: WC pH Meter-1

Reagent/Standard	Lot/Log #
Calibration Std. hexchrome 0.1 ppm	WP100988
Calibration Std. hexchrome 0.05 ppm	WP100987
calibration std. hexchrome 0.01 ppm	WP100985
calibration std. hexchrome 0 ppm	WP100984
hexavalent chromium color reagent	WP100933
0.2N SULFURIC ACID	WP100769
Calibration Std Hexachrome 0.025 ppm	WP100986
Hexavalent Chromium ICV-LCS Std	WP100991
Calibration and CCV std HexChrome 0.5PPM	WP100989
Calibration std HexChrome 1.0PPM	WP100990

Intercept: -0.0009

Slope: 0.7811

Regression: 0.999997

Seq	Lab ID	True Value (mg/l)	DF	Initial Vol (ml)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb.at 540nm		Absorbance Difference	Result (mg/L)	%D	Anal Date	Anal Time
								Backgrnd	Color					
1	CAL1	0	1	100	100		2.08	0.000	0.000	0.000	0.001		02/13/2023	14:30
2	CAL2	0.01	1	100	100		1.96	0.000	0.006	0.006	0.008	-20	02/13/2023	14:31
3	CAL3	0.025	1	100	100		1.96	0.000	0.018	0.018	0.024	-4	02/13/2023	14:32
4	CAL4	0.05	1	100	100		2.21	0.000	0.038	0.038	0.049	-2	02/13/2023	14:33
5	CAL5	0.1	1	100	100		2.18	0.000	0.078	0.078	0.101	1	02/13/2023	14:34
6	CAL6	0.5	1	100	100		1.96	0.000	0.390	0.390	0.500	0	02/13/2023	14:35
7	CAL7	1	1	100	100		1.88	0.000	0.780	0.780	0.999	-0.1	02/13/2023	14:36



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pH Meter ID: WC pH Meter-1

Seq	Lab ID	True Value	DF	Initial Vol (ml/gm)	Final Vol (ml)	pH HN03	pH H2SO4	Absorb.at540nm		Absorbance Difference	Intermediate Result (mg/L)	Anal Date	Anal Time
								Backgrnd	Color				
1	ICV	0.5	1	100	100		2.08	0.000	0.390	0.390	0.500	02/13/2023	14:37
2	ICB		1	100	100		1.96	0.000	0.001	0.001	0.002	02/13/2023	14:38
3	CCV1	0.5	1	100	100		2.06	0.000	0.391	0.391	0.502	02/13/2023	14:39
4	CCB1		1	100	100		2.10	0.000	0.001	0.001	0.002	02/13/2023	14:40
5	RL Check	0.01	1	100	100		2.22	0.000	0.009	0.009	0.013	02/13/2023	14:41
6	lb124056BL		1	100	100		1.96	0.000	0.000	0.000	0.001	02/13/2023	14:42
7	lb124056BS	0.5	1	100	100		1.85	0.000	0.390	0.390	0.500	02/13/2023	14:43
8	O1535-07		1	100	100		1.98	0.012	0.012	0.000	0.001	02/13/2023	14:44
9	O1535-07DU		1	100	100		2.20	0.012	0.012	0.000	0.001	02/13/2023	14:45
10	O1535-07MS	1	2	100	100		2.08	0.000	0.401	0.401	0.515	02/13/2023	14:46
11	O1535-07MS	1	2	100	100		1.96	0.002	0.398	0.396	0.508	02/13/2023	14:47
12	CCV2	0.5	1	100	100		1.88	0.000	0.391	0.391	0.502	02/13/2023	14:48
13	CCB2		1	100	100		1.85	0.000	0.001	0.001	0.002	02/13/2023	14:49

WORKLIST(Hardcopy Internal Chain)

66124 056

WorkList Name : HEX W-2-13

WorkList ID : 167354

Department : Wet-Chemistry

Date : 02-13-2023 12:40:54

Due Date	Matrix	Sample	Test	Preservative	Customer	Raw Sample Storage Location	Customer Sample	Collect Date	Method
02/27/2023	Water	O1535-07	Hexavalent Chromium	Ammonium sul	NEWY17	G22	14B-(1-4)-COMP	02/13/2023	SM3500-Cr B

Date/Time 02/13/2023 12:130
 Raw Sample Received by: RM Cwe
 Raw Sample Relinquished by: CP SM

Date/Time 02/13/2023 15:10
 Raw Sample Received by: CP SM
 Raw Sample Relinquished by: RM Cwe